

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	400	L4 and @ad<"20000501"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/13 15:45
L4	2762	(623/17.11,17.13,17.15-17.16). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 15:45
L3	1719	L2 and @ad<"20000501"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/13 15:45
L2	2956	(600/587,594-595).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 15:45
L1	2	("4593703").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/13 15:41
S16 8	4	((("6645219") or ("5569270"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 09:25
S16 7	2	("6306152").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 09:25
S1	2	("6656135").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 09:22

## EAST Search History

S16 6	12	("3740742"   "4618822"   "4843259"   "4950986"   "5019782"   "5180978"   "5726567"   "5935171"   "6245109").PN. OR ("6573706"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 18:05
S16 5	14	("3140712"   "4024588"   "4214322"   "4978323"   "5715837"   "5935171").PN. OR ("6245109"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 18:02
S16 4	50	("3543150"   "3611813"   "3683345"   "3997835").PN. OR ("4112365"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 17:23
S16 3	2	("20050079196").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/12 16:01
S16 2	15	("3718872").URPN.	USPAT	OR	ON	2007/12/12 15:06
S16 1	14	("2856581"   "3135199"   "3453531"   "3718872"   "4536710"   "4724390"   "5023799"   "5572129").PN. OR ("6380735"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 15:05
S16 0	68	("2438197"   "2584592"   "2954538"   "3465724"   "3500373"   "3740742").PN. OR ("3836842"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 14:56
S15 9	8	S158 and marker	USPAT; USOCR	OR	ON	2007/12/12 14:54

## EAST Search History

S15 8	113	(US-4112365-\$ or US-6304083-\$ or US-7256695-\$ or US-6245109-\$ or US-5474086-\$ or US-5143088-\$ or US-5583433-\$ or US-6566862-\$ or US-5491633-\$ or US-5652510-\$ or US-5619133-\$ or US-5497804-\$ or US-4577509-\$ or US-5811967-\$ or US-6404184-\$ or US-5150615-\$ or US-4543732-\$ or US-6788221-\$ or US-4813435-\$ or US-4638670-\$ or US-4720676-\$ or US-6304076-\$ or US-4551061-\$ or US-3827291-\$ or US-4866378-\$ or US-5065093-\$). did. or (US-4289987-\$ or US-4062354-\$ or US-5329927-\$ or US-5073849-\$ or US-5977752-\$ or US-6053873-\$ or US-7038443-\$ or US-3656132-\$ or US-4864633-\$ or US-4556886-\$ or US-3836842-\$ or US-5061896-\$ or US-3020527-\$ or US-4638659-\$ or US-4591795-\$ or US-6351665-\$ or US-5107211-\$ or US-5111139-\$ or US-5497147-\$ or US-3756081-\$ or US-3891918-\$ or US-4634126-\$ or US-4954776-\$ or US-4987389-\$ or US-5206587-\$ or US-4906924-\$ or US-4943771-\$). did. or (US-5078010-\$ or US-5221896-\$ or US-5233294-\$ or US-5291782-\$ or US-5276431-\$ or US-4284961-\$ or US-5146929-\$ or US-5772610-\$ or US-4618822-\$ or US-4663589-\$ or US-4971069-\$ or US-5541510-\$ or US-6656135-\$ or US-4816759-\$ or US-4657550-\$ or US-3834234-\$ or US-4030085-\$ or US-3986105-\$ or US-6474158-\$ or US-6192754-\$ or US-6192753-\$ or US-5568528-\$ or US-3701136-\$ or US-3628381-\$ or US-4682805-\$ or US-6447448-\$ or US-4075632-\$). did. or (US-6638231-\$ or US-6442413-\$ or US-6259937-\$ or US-6231516-\$ or US-6113553-\$ or US-4127110-\$ or US-6724312-\$ or US-4967755-\$ or US-4593703-\$ or US-4385636-\$ or US-4354506-\$ or US-4281667-\$ or US-4026276-\$ or US-3958558-\$ or US-3034356-\$ or US-3778805-\$ or US-6617712-\$ or US-6715198-\$ or US-6380735-\$ or US-5323659-\$ or US-5315881-\$ or US-5201964-\$ or US-4154246-\$ or US-4599560-\$ or US-3727463-\$ or US-4660568-\$ or US-3503263-\$). did. or (US-2531689-\$ or US-3020639-\$ or US-3253588-\$ or US-2093204-\$ or US-2927321-\$ or US-2438107-\$) did	USPAT; USOCR	OR	ON	2007/12/12 14:54
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## EAST Search History

S15 7	8	("3503263").URPN.	USPAT	OR	ON	2007/12/12 14:27
S15 6	11	("3503263").PN. OR ("3727463"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 14:22
S15 5	36	("3034356"   "3703099"   "3727463"   "3738356"   "3831588"   "3943915"   "3946724"   "3958558"   "4026276"   "4062354"   "4114606"   "4127110").PN. OR ("4593703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 14:13
S15 4	8	("4618822"   "4816759"   "4971069"   "5143088"   "5146929"   "5474086"   "5772610"   "6245109").PN. OR ("6656135"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 13:28
S15 3	13	("4816759"   "4825062"   "4943771").PN. OR ("5109349"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 13:17
S15 2	34	("2438197"   "3500373"   "3526886"   "3721821"   "4618822"   "4638250"   "4663589").PN. OR ("4816759").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 13:08
S15 1	4	((("4618822") or ("3756081"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/12 12:04
S15 0	2	("5827201").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 10:02
S14 9	26	("2276816"   "2422806"   "2452862"   "2836803"   "2905914"   "3202948").PN. OR ("3827291"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 17:00
S14 8	19	("3095783"   "3464319"   "3673585"   "3709033"   "3756081"   "3813990"   "3827291"   "3898916"   "4034334"   "4302745"   "4345191"   "4575027"   "4578993").PN. OR ("4904999"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:58

## EAST Search History

S14 7	10	("3665258"   "3961243"   "4250416"   "4638250"   "4866378"   "5107211"   "5539308"   "5652510"   "5743143"   "5867022").PN. OR ("6600311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:47
S14 6	19	("3218591"   "3691243"   "4406999"   "4667158").PN. OR ("4866378"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:45
S14 5	15	("3491289"   "3684961"   "4050011"   "4095181"   "4667158").PN. OR ("5045786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:36
S14 4	39	("4008457"   "4063206"   "4134065"   "4156221"   "4282485").PN. OR ("4667158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:26
S14 3	11	("4204544").PN. OR ("4813435"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:23
S14 2	17	("3543145"   "3654549"   "3756081"   "4121185"   "4350954"   "4623840"   "4667158"   "4813435").PN. OR ("5497147"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:20
S14 1	22	("0164275"   "2444218"   "3140450"   "3368755").PN. OR ("3756081"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 16:18
S14 0	23	("2776563"   "3031633"   "3058345"   "3089081"   "3157048"   "3402607"   "3678748").PN. OR ("3834234").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 15:44
S13 9	11	("3020527"   "3777255"   "4362050"   "4362051"   "4448066"   "4502326").PN. OR ("4638659"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 15:30
S13 8	21	("3020527").URPN.	USPAT	OR	ON	2007/12/11 15:27
S13 7	38	("2911632"   "3001183"   "3020527"   "3030574"   "3181055"   "3654549"   "3821652"   "3890607"   "3891918"   "3982189"   "3995222"   "4358762"   "4408159"   "4502006"   "4658153"   "4663589"   "4665372"   "4723446"   "4742794"   "4797614"   "5027781"   "5036275"   "5150615"   "5202628"   "5210490"   "5216364").PN. OR ("5619133"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 15:14

## EAST Search History

S13 6	23	("3495456"   "4556886"   "4627280"   "4771804"   "4833919").PN. OR ("5150615").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 15:02
S13 5	36	("2424766"   "2452156"   "3703829"   "3834234"   "3896671"   "3921461"   "3948100"   "3996801"   "4052900"   "4091671"   "4279149"   "4282485"   "4447743"   "4513617"   "4627280"   "4724705"   "4771804"   "4783626"   "4799047"   "4831878"   "4833919"   "4887465"   "4891980"   "4950988"   "5061896"   "5078010"   "5103674"   "5138881"   "5146784"   "5150615"   "5291782"   "6192754").PN. OR ("6474158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 14:59
S13 4	28	("3609580"   "4008432"   "4497205"   "4567762"   "4627280"   "4723446"   "4724705"   "4816759"   "4950985").PN. OR ("5291782"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 14:40
S13 3	34	("2438197"   "3500373"   "3526886"   "3721821"   "4618822"   "4638250"   "4663589").PN. OR ("4816759").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 14:36

## EAST Search History

S13 2	167	("20020193685"   "20030088178"   "20030117269"   "20030117270"   "20030192557"   "20040052034"   "20040074974"   "20040127787"   "20040138554"   "20040138555"   "20050059884"   "20050154213"   "3752960"   "3836842"   "3967161"   "4017858"   "4023167"   "4065753"   "4087791"   "4114601"   "4123749"   "4127110"   "4160971"   "4222374"   "4230123"   "4260990"   "4393872"   "4395910"   "4466075"   "4618822"   "4618978"   "4633250"   "4642786"   "4643196"   "4696287"   "4737794"   "4795995"   "4799495"   "4832055"   "4849692"   "4909789"   "4936823"   "4945305"   "4992794"   "4994079"   "5031634"   "5050608"   "5062847"   "5095224"   "5099845"   "5107862"   "5142292"   "5170055"   "5188368"   "5197466"   "5198877"   "5205289"   "5211129"   "5211164"   "5221269"   "5223851"   "5230338"   "5240011"   "5246005"   "5262772"   "5325873"   "5377678"   "5397329"   "5411026"   "5417210"   "5423334"   "5425367"   "5425382"   "5446548"   "5453686"   "5509900"   "5515853"   "5526812"   "5528651"   "5546951"   "5558091"   "5568809"   "5572999"   "5617857"   "5622170"   "5622187"   "5629967"   "5630431"   "5638819"   "5645065"   "5680106"   "5681326"   "5697384"   "5707362"   "5707390"   "5724030"   "5727552"   "5735795"   "5745545"   "5764052"   "5769861"   "5779638"   "5782775"   "5797849"   "5805661"   "5810851"   "5815076"   "5817022"   "5817092"   "5820553"   "5823192"   "5828770"   "5830144"   "5840148"   "5868673"   "5868675"   "5879297"   "5879357"   "5895235"   "5902238"   "5902310"   "5907395"   "5910144"   "5913820"   "5923417"   "5951481"   "5963132"   "5987349"   "5989265"   "6015390"   "6019725"   "6026818"   "6049587"   "6052477"   "6059734"   "6061644"   "6064904"   "6067465"   "6076008"   "6082366"   "6094007"   "6097994"   "6129658"   "6130612"   "6140740"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 13:16
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## EAST Search History

S13 1	105	("5271408"   "5284138"   "5333609"   "5450853"   "5595182").PN. OR ("5873835").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 13:02
S13 0	73	("4109644"   "4656463"   "5027107"   "5073781"   "5105829"   "5205292"   "5226421"   "5271410"   "5293399"   "5411551"   "5483826"   "5497147"   "5522394"   "5873835").PN. OR ("6053873"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 12:53
S12 9	20	("3656132"   "4172995"   "4462113"   "4520474"   "4550444"   "4669109").PN. OR ("4864633"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 12:34
S12 8	20	("2818732"   "3018475"   "3293595"   "3338100").PN. OR ("3656132"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 12:29
S12 7	100	S126 not S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/12/11 12:27
S12 6	159	(sensor transducer) and (resonant near frequency) and ( magnetic ferrite) near (rod member element core)) and (frequency near shift) and distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/12/11 12:27
S12 1	84	(sensor transducer) and (resonant near frequency) and ( magnetic ferrite) near (rod member element)) and (frequency near shift)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/12/11 12:25
S12 5	33	("4210858"   "4410936"   "4415959"   "4675797"   "4709316"   "4774649"   "4785387"   "4791542"   "4802080").PN. OR ("5073849"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 12:13
S12 4	36	("3034356"   "3703099"   "3727463"   "3738356"   "3831588"   "3943915"   "3946724"   "3958558"   "4026276"   "4062354"   "4114606"   "4127110").PN. OR ("4593703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 11:57
S12 3	0	("2531689").URPN.	USPAT	OR	ON	2007/12/11 11:52
S12 2	0	("2531689").URPN.	USPAT	OR	ON	2007/12/11 11:52



## EAST Search History

S12 0	0	(sensor transducer) same (resonant near frequency) same ( (magnetic ferrite) near (rod member element)) same (frequency near shift)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/12/11 11:49
S11 9	2	("5827201").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:40
S11 8	4	((("20020082524") or ("5827201"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:40
S11 7	53	lvdt and (frequency near shift)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:54
S11 6	2	("3706304").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/10 16:53
S11 5	2	("6,179,779").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/10 16:32
S11 4	56	S113 and (fix\$3 near rod)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 15:55
S11 3	1875	S112 and rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 15:43

## EAST Search History

S11 2	4710	ldvt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 15:43
S11 1	93	ldvt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 15:36
S11 0	1719	S109 and @ad<"20000501"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 15:36
S10 9	2954	(600/587,594-595).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 14:45
S10 8	37	("2958781"   "3034356"   "3144017"   "3583387"   "3638496"   "3738356").PN. OR ("3958558"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 14:34
S10 7	3	("3958558").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:12